



PATENT

Case Docket No. ECCENT.003RA

Date: February 27, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Diaz et al.
Appl. No. : 09/821,371
Filed : March 29, 2001
For : PERSONALIZED HAND HELD
CALORIE COMPUTER
Examiner : Cosimano, Edward R.
Group Art Unit : 3629

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: United States Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202, on

February 27, 2003

(Date)
Rabinder N. Narula

Rabinder N. Narula, Reg. No. P-53,371

TRANSMITTAL LETTER

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

RECEIVED
MAY 07 2003
GROUP 3600

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) Response and original patent number 5,890,128.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Rabinder N. Narula

Rabinder N. Narula
Registration No. P-53,371
Attorney of Record
Customer No. 20,995
(949) 760-0404



CENT.003RA

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Diaz et al.
Appl. No. : 09/821,371
Filed : March 29, 2001
For : PERSONALIZED HAND HELD
CALORIE COMPUTER
Examiner : Cosimano, Edward R.

Group Art Unit 3629

RECEIVED

MAY 07 2003

GROUP 3600

RESPONSE

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

In response to the Office Action dated December 30, 2002, enclosed please find the original patent number 5,890,128. Applicants respectfully submit that the present reissue application is in condition for allowance, and Applicants respectfully request allowance.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 2-27-03

By: Rabinder N. Narula
Rabinder N. Narula
Registration No. P-53,371
Attorney of Record
Customer No. 20,995
(949) 760-0404

H:\DOCS\RN\RN-5967.DOC
022703



UTILITY/DESIGN PATENT
(miscellaneous)

Date: 2/27/03
Date of Action: _____

Rec'd in the USPTO on the date stamped hereon via Certificate of Mail:

Docket #: ECENT-003RA Applicant: Diaz et al

Title: Personalized record held Caloric Computer

App No.: 091821.371 Filed: 3/29/01

Exr: Coimano, Edward R. Art Unit: 3629

Class/Sub-Class: _____ Re-Exam No.: _____

Patent No.: _____ Issued: _____

VERIFIED BY: Asst: Ctc Atty: RNN QC: MS

☒ Response

☒ Original Patent # 5,890,128

☒ Transmittal

☐ _____

☐ _____

☐ _____

☐ _____

☒ Return Prepaid Postcard



RECEIVED

MAY 0 7 2003

GROUP 3600



3629

PATENT

Case Docket No. ECCENT.003RA

Date: April 30, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Diaz et al.
Appl. No. : 09/821,371
Filed : March 29, 2001
For : PERSONALIZED HAND HELD
CALORIE COMPUTER
Examiner : Cosimano, Edward R.
Group Art Unit : 3629

) I hereby certify that this correspondence and all
) marked attachments are being deposited with the
) United States Postal Service as first class mail in
) an envelope addressed to: United States Patent
) and Trademark Office, P.O. Box 2327,
) Arlington, VA 22202, on

April 30, 2003

(Date)

Rabinder N. Narula, Reg. No. 53,371

TRANSMITTAL LETTER

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

RECEIVED
MAY 07 2003
GROUP 3600

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) Response.
- (X) Copies of the Transmittal Letter dated February 27, 2003, Response dated February 27, 2003, the Return Postcard dated February 27, 2003.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Rabinder N. Narula
Registration No. 53,371
Attorney of Record
Customer No. 20,995
(949) 760-0404

The
United
States
of
America



The Commissioner of
Patents and Trademarks

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America for the term set forth below, subject to the payment of maintenance fees as provided by law.

If this application was filed prior to June 8, 1995, the term of this patent is the longer of seventeen years from the date of grant of this patent or twenty years from the earliest effective U.S. filing date of the application, subject to any statutory extension.

If this application was filed on or after June 8, 1995, the term of this patent is twenty years from the U.S. filing date, subject to any statutory extension. If the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121 or 365(c), the term of the patent is twenty years from the date on which the earliest application was filed, subject to any statutory extension.

J. Todd Tschumi

Acting Commissioner of Patents and Trademarks

Collie M. Person
Attest



[11] Patent Number: 5,890,128

[45] **Date of Patent:** Mar. 30, 1999

Primary Examiner—Edward R. Cosimano

[57] **ABSTRACT**

A novel hand held individually customized interactive integrated circuit device for nutrition and exercise management. Featuring built in Random Access Memory (RAM) Storage of extensive food lists with associated caloric and fat contents. The device also incorporates RAM storage of exercises with associated activity caloric values or rates. The basic unit utilizes the individual's personal characteristics such as sex, age, weight, height, frame size, life style and goals with programmed calculations to derive optimum suggested weight, metabolic rate, daily caloric/fat intake targets, exercise targets and exercise/daily caloric burning rates. The personalized hand held caloric computer tracks daily and historical individual caloric input/output, fat input, and weight which can be viewed in the form of charts and graphs. Alarms are provided in a variety of tones, sounds, and tunes which alert the individual to breach of prescribed optimum daily caloric/fat intake or signal special events such as times for medication, special eating intervals, and appointments. Additionally, it can be used with optional wireless activity sensing and odometer attachments already available in the market to automatically track/deduct burned calories from total daily caloric intake when walking, running, riding a bicycle, or performing other activities. The device is intended for use by individuals interested in increasing, decreasing or maintaining their body weight for personal or medical reasons. Optional medical programs take into consideration special dieting, medication and exercise requirements of patients with diabetes, high cholesterol, heart ailments, hypoglycemia and other diseases. Confidentiality is assured by use of a Personal Identification Number (PIN) which is selected and changed at will by the individual user. The device will be available in various languages. Other functions include a four function calculator and a clock/calendar.

[21] Appl. No.: 610,380

[22] Filed: Mar. 4, 1996

[51] Int. Cl.⁶ G06F 17/00

[52] U.S. Cl. 705/2; 128/921; 364/400;
364/700

[58] **Field of Search** 128/921; 364/400,
364/700, 709.03, 709.12; 705/2

[56] References Cited

U.S. PATENT DOCUMENTS

4,100,401	7/1978	Tutt et al.	235/92 T
4,159,416	6/1979	Brejnik et al.	235/92 MT
4,192,000	3/1980	Lipsey	364/415
4,244,020	1/1981	Ratcliff	364/413
4,321,674	3/1982	Krames et al.	364/413
4,380,802	4/1983	Segar et al.	364/900
4,575,804	3/1986	Ratcliff	364/715
4,686,624	8/1987	Blum et al.	364/415
4,796,182	1/1989	Duboff	364/413.29
4,894,793	1/1990	Ikemoto et al.	364/709.03
5,233,520	8/1993	Kretsch et al.	364/413.29
5,412,564	5/1995	Eeer	600/300
5,704,350	11/1998	Williams, III	600/300

15 Claims, 17 Drawing Sheets

